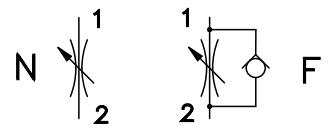
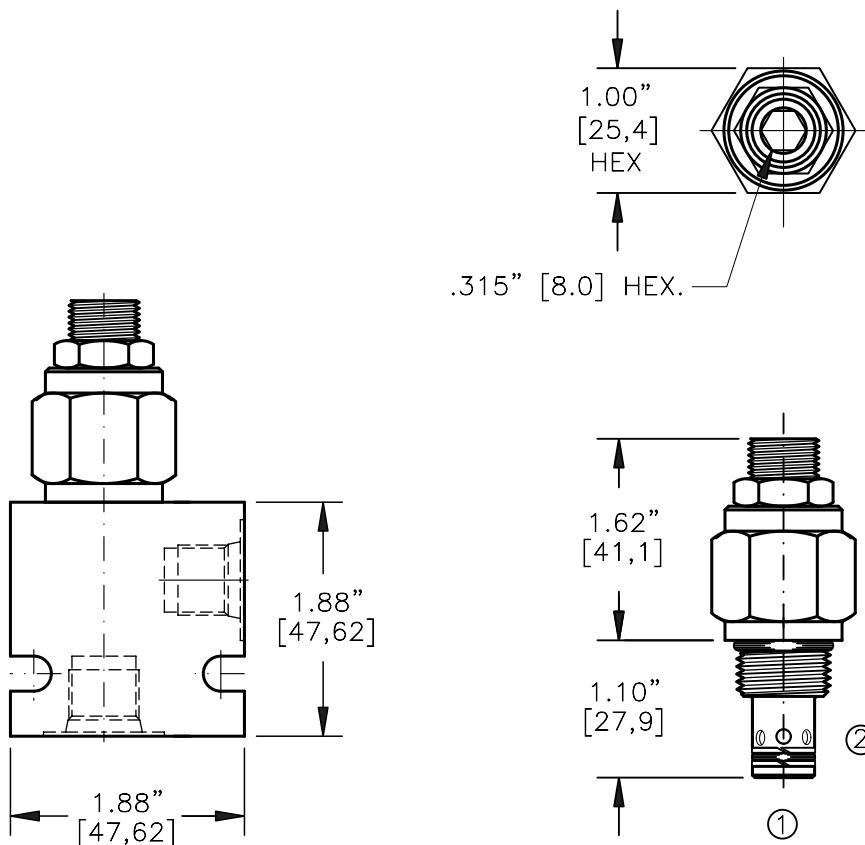


FLOW CONTROL VALVE WITH OR WITHOUT  
 FREE REVERSE FLOW CHECK


TORQUE:

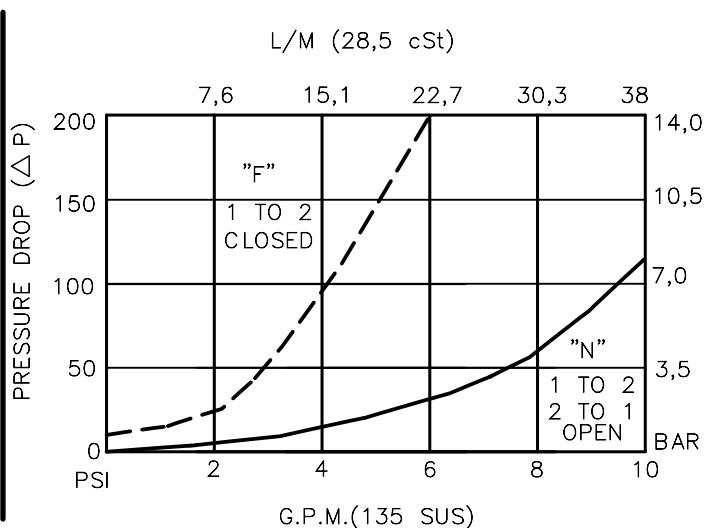
Steel = 35/40 Ft-Lb. [47/54 Nm]

Aluminum = 25/30 Ft-Lb. [34/41 Nm]



FOR ALUMINUM OR STEEL VALVE HOUSING CONFIGURATIONS SEE PAGE 0-011.1

FCVL-08-X-X-X-X	
BASIC	TYPE F-FREE FLOW CHECK N-NEEDLE VALVE
SIZE 08 = 3/4"-16 UNF	PORTS 0 = CARTRIDGE ONLY 02BX = G 1/4" BSPP 06TX = SAE - #6
SEALS N = BUNA "N" V = VITON	"A" - ALUM. HOUSING "S" - STEEL HOUSING
ADJUSTMENT S = ADJUSTING SCREW C = CAPPED T = TAMPERPROOF K = HANDKNOB M = METAL HANDKNOB	

FOR ADJUSTMENT CONTROL  
OPTIONS SEE PAGE 0-050.0

## FLOW CONTROL VALVE WITH OR WITHOUT FREE REVERSE FLOW CHECK

### DESCRIPTION

This unit is a SCREW IN, cartridge type, adjustable, poppet type, hydraulic flow control valve with or without free reverse flow check.

### OPERATIONS

This valve increases its orifice value from fully closed to fully open with counter-clockwise rotation.

### FEATURES AND BENEFITS

Desired settings can be locked down.

Valve adjustment is difficult while subjected to high pressure.

Valve is available with a screw, tamperproof, capped or knob adjustment.

All external carbon steel parts are plated for longer life against the elements.

All cartridge valves are 100% functionally tested.

Industry common cavity.

### SPECIFICATIONS

OPERATING PRESSURE: 5,000 PSI [350 Bar]

PROOF PRESSURE: 10,000 PSI [700 Bar]

FLOW: 10.0 GPM [38,0 l/m] nominal. See performance chart.

INTERNAL LEAKAGE: 5 drops per minute maximum @ 5,000 PSI (350 Bar)

VALVE HOUSINGS: 2500 PSI [175 Bar] = Aluminum – Anodized.

5000 PSI [350 Bar] = Steel – Unplated.

OPERATING TEMPERATURE: -40° to +250° F. [-40° to +120° C.]

OPERATING MEDIA: All general purpose hydraulic fluids such as  
MIL-H-5606, SAE-#10, SAE-#20, etc.

INSTALLATION: No restrictions.

SEAL KIT: SKN-0822 Buna "N".

SKV-0822 Viton.

WEIGHT: .30 lb [.14 kg] cartridge only.

VALVE CAVITY: #C0820, See Page 0-011.0.